

## **PART 5    HOW TO RECOGNISE A CREATION**

When we look at a wooden table, we all know it did not happen by itself, it was created! But how did we reach this conclusion? Many have never seen a table being created and most cannot create tables for themselves, so how do we know it was created? The fact that it was created by some **Outside Intelligence** is communicated to us by the shape of the table. The table is made from wood which comes from trees which don't have ninety degree corners and flat tops and with a leg at each corner. These features are not properties of the tree, so we know the table was not a result of any **Natural Properties** of the wood. The shape is the evidence of the **Outside Information** supplied by the table's creator.

Is there any way therefore to distinguish between a system which has evolved as the result of information already present in the natural properties of that system, and a system which has come into existence only because information has been supplied from outside, therefore the system was created?

Let's look at things we know were created by the supply of information from outside. Consider the wood which has been used to make the table.

Is there anything in the wood which determines it will be a table? No. That is determined by the person who makes the objects. They could have made a toy wooden train instead. There is no information in the wood that will turn it into a table or toy train. The wood left by itself will turn into compost. The Information to make a table is added from outside which can be summarised by the equations.

$$\text{Matter (wood) + Energy + Time} \xrightarrow{\text{Outside Information}} \text{Table}$$

$$\text{Matter (parts) + Energy + Time} \xrightarrow{\text{OI}} \text{PRODUCT}$$

### **HOW?**

Consider the **INFORMATION (I)** stored on the completed **PRODUCT (P)** (the table) compared to the **INFORMATION (I)** in the **parts (p)** from which it was created (eg. the wood). The creator of the table has used his intelligence to add features to the wood which it would not normally contain. He has shaped it - given it structure, i.e. a leg at each corner, added decoration, carving etc. The evidence of how much Information he has used in making the table is communicated to us by the structure of the table.

Since there was no **INFORMATION (I)** in the wood which determined it would be a table - this information was added from outside, therefore the **Information (I)** in the **PRODUCT (P)** (table) is greater than the **INFORMATION (I)** in the **parts (p)** (wood).

$$\text{INFORMATION (PRODUCT) > INFORMATION (parts)}$$

or

$$\text{I (P) > I (p)}$$

We now have a formula which enables us to tell when something has been created. When the **Information** in the **PRODUCT** is more than the **Information** in the **parts**, then the **PRODUCT** has been created.

For a general rule we can say: **A creation has occurred whenever I (P) > I (p)**

This formula can be written in several ways.

$$\text{I (P) > I (p), or I (P) - I (p) > 0 or } \frac{\text{I (P)}}{\text{I (p)}} > 1$$

### How clever is a creator?

Consider something everyone knows was created - a computer. It is made of components such as plastic, various metals and silicon chips. Ultimately plastic comes from oil, metals are dug out of the ground and silicon comes from sand. A formula to make a computer out of raw materials is:

Matter (Sand + Oil + Metal) + Energy + Time  $\xrightarrow{\text{Outside Information}}$  Computer

The **Outside Information** in this case was supplied by the computer manufacturer and you pay him for it. To create the **PRODUCT** (the computer), a large amount of information needed to be applied to the **parts** (sand, oil and metal) by the manufacturer. The greater the difference between the information in the **PRODUCT** compared with the information in the **parts** the greater the work done by the maker and the more the cost to you. The difference between the information in **PRODUCTS** and **parts** is a measure of the Intelligence of the Creator.

In formula terms: The **Creator's Intelligence Quotient (CIQ)** is proportionate to the **Information PRODUCT (I(P))** minus the **Information parts (I(p))**.

$$\text{or: } \quad CIQ \propto I(P) - I(p)$$

### Information in the Cell

Cells manufacture proteins from amino acids using information supplied by RNA. Since the **Information** in the **PRODUCT** (protein) is greater than the **Information** of its parts (amino acids), i.e.  $I(P) > I(p)$ , we can say the proteins are created in the cell by the RNA. RNA is a complex molecule made from sugars, phosphates and bases using information supplied by DNA. Since the **Information** in RNA **PRODUCT** is far greater than the **Information** in its **parts** (sugar, phosphates and bases), RNA is a substance created in the cell using information from DNA. But DNA is an even more complex molecule consisting of sugars, phosphates and bases. DNA is such a complex molecule, and works in such a sophisticated way, that the scientists who worked out its structure and how it functions as an information store won the Nobel prize. The complexity of DNA structure and the vast difference in the **Information** stored on the DNA **PRODUCT** compared to the **Information** of its **parts** (sugars, phosphates and bases), are the main reasons no one has suggested DNA could be spontaneously generated as a result of the Natural Properties of sugars, phosphates and bases.

For DNA it is certainly true that  $I(P) \text{ (DNA)} \gg \gg I(p) \text{ (Sugars, phosphates, bases)}$

But  $I(P) > I(p)$  is the characteristic of a creation.

DNA shows all the characteristics of being a creation - but the source of information for originally creating DNA cannot be in the cell since DNA cannot function unless the cell already exists.

### Could any natural properties of matter be a source of information needed to create DNA?

General Evolutionary theory says Matter + Energy + Time gave rise to life using only the natural properties of the system. But how natural are natural properties?

Let's go back to tossing a coin for one week. Remember the results.

Coin (Matter) + Energy + Time  $\xrightarrow{NP}$  50/50 Heads and Tails

This 50/50 result is only **Natural** because the coin already has a head and a tail. Where did the **Properties** of the head and tail come from? Coins are manufactured from metals according to instructions from a designer at the government mint.

Matter (metal) + Energy + Time  $\xrightarrow{OI}$  Coin (with a head and a tail)

$\therefore$  **I (PRODUCT)** (coin) > **I (parts)** (metal)

The information on the minted coin now exceeds the information on the metal it was made from. The head and tail are **created properties**. This shows when you take a blank metal disk the same shape, size, weight and composition as the coin and try to buy something. You will not succeed! There is no creatively added head or tail property on the metal, even though the blank metal disk contains Natural Properties which will enable you to distinguish it from other matter. Which brings us back to DNA and the question - was it created?

**Let us summarise all we know about DNA.**

DNA is DeOxyRibose Nucleic Acid. Its sub parts are Sugars, Phosphates, and Bases.

The information in the DNA code is very large.

Total information in DNA parts sugars, phosphates and bases is minimal by comparison.

Therefore the **I DNA code (the product)** >>> **I DNA (the parts)**.

**This is the characteristic of a creation!**

**HOW YOU CAN WIN THE NOBEL PRIZE - A SCIENTIFIC PREDICTION**

The fact that **NO** known matter shows any Natural Properties which would enable the matter to spontaneously generate life could help you become famous by being the first to create life in a test tube using the following recommendations.

Don't try any **Evolutionary** process based on the **Natural Properties** of matter,

i.e.  $M + E + T \xrightarrow{NP}$  life. It won't work!

Try a method based on **Creation** by the supply of **Outside Information**.

$M + E + T \xrightarrow{OI}$  **LIFE**

In this case the **Outside Information** will be supplied by you (if you're clever enough) and the result will be your Nobel prize.

**Which leads to an interesting situation**

If no matter discovered in the Universe shows any Natural Properties which would enable it to spontaneously generate life, then the very beginning of life, is a consequence of **Outside Information** being added to the system.

This is not a new thought but it has been said in a different way. We (the authors) have been giving you (the reader) information about **INFORMATION** by using **WORDS**. The concept "in the beginning life came into existence when information was added from outside", can be replaced by a much older phrase - "In the beginning was the **WORD**". It goes without saying, that if you want to find out about the **WORD**, you will need **OUTSIDE INFORMATION** - i.e. from outside the Universe.

**NOW COMPLETE WORKBOOK 5**